ACCESSORIES AND BATTERIES

MTX Professional Series Portable Two-Way Radios

MTX Series

Motorola Original® Accessories let you make the most of your MTX Professional Series radio's capabilities.

You made a sound business decision when you chose your Motorola MTX Professional Series Two-Way radio. When you choose performance-matched Motorola Original® accessories, you're making another good call.

That's because every Motorola Original® accessory is designed, built and rigorously tested to the same quality standards as Motorola radios. So you can be sure that each will be ready to do its job, time after time — helping to increase your productivity. After all, if you take a chance on a mismatched battery, a flimsy headset, or an ill-fitting carry case, your radio may not perform at the moment you have to use it.

We're pleased to bring you this collection of proven Motorola Original® accessories for your important business communication needs. You'll find remote speaker microphones for more convenient control. Discreet earpiece systems to help ensure privacy and aid surveillance. Carry cases for ease when on the move. Headsets for hands-free operation. Premium batteries to extend work time, and more. They're all ready to help you work smarter, harder and with greater confidence.

Motorola MTX Professional Series radios keep you connected with a wider calling range, faster channel access, greater privacy and higher user and talkgroup capacity.

MTX PROFESSIONAL SERIES PORTABLE RADIOS

Intelligent radio so advanced, it practically thinks for you. MTX Series Portable Two-Way Radios are the smart choice for your business - delivering everything you need for great business communication. Designed to operate on Motorola's Privacy Plus™ or LTR® trunking systems, these radios can enhance your interactive resources by providing a wider calling randge, faster channel access, greater privacy and higher user and talkgroup capacity.

MTX850™

MTX8250™

MTX8250-LS™

MTX850-LS™

MTX950™

MTX9250™

Table of Contents

MTX Series Radios 1

Microphones and Accessories 3

Surveillance Kits 4

Completely Discreet Earpiece 5

EMS and Accessories 6

Temple Transducer, CommPort™ and Accessories 7

Headsets 8-9

Carry Cases and Accessories 10-11

Chest Packs and Radio PAk™ 12

Batteries and Antennas 13

Chargers 14

IMPRES™ Smart Energy Systems 15

Battery Analyzers 16

Travel Chargers and Accessories 17

MTX Series

audio

PMMN4027A Remote Speaker Microphone with IP57 Rating

Windporting Remote Speaker Microphones

The Windporting feature of these microphones helps lessen background noise from high winds and other severe weather conditions. Audio can pass through the speaker grill even when the microphone port is blocked by water. Now public safety professionals can be more confident than ever of clear, understandable communication when Mother Nature is uncooperative. The Windporting Remote Speaker Microphones allow talking and listening without removing the radio from the belt or case. Both have a coiled cord, Push-to-Talk switch, swivel clip, and quick disconnect latch.

PMMN4021A*	Remote Speaker Microphone with 3.5mm Audio Jack
PMMN4027A*	Remote Speaker Microphone with IP57 Rating

Remote Speaker Microphone – RSM

This Remote Speaker Microphone is water-resistant and allows talking and listening without removing the radio from the belt or case. It has a coiled cord and Push-to-Talk switch. Clothing clip on the microphone back clips securely onto shirt or collar. Ideal for high-noise environments.

AAHMN9053A*	Noise-Cancelling Remote Speaker Microphone with 3.5mm Audio Jack
HKN9055A	Replacement Cable for Remote Speaker Microphone

RMN5055A Heavy-Duty Remote Speaker Microphone

Heavy-Duty Remote Speaker Microphone

Ideal for firefighters, police and other public safety professionals, this remote speaker microphone lets users talk and listen without removing the radio from the belt, case or charger. Designed with an exceptionally rugged housing for harsh environmental conditions. Controls include a Push-to-Talk Button and Hi-Low Volume Control. Includes coiled cord, clothing clip, and audio jack.

RMN5055A*	Heavy-Duty Remote Speaker Microphone with 3.5mm Audio Jack

MicJacket

MicJackets provide speaker microphone users with a way to further protect the "head" of their microphone from dust, dirt, metal particles, sweat, body oils and other on-the-job grime. MicJackets also help make handling and interacting with the speaker microphone more hygienic.

RLN5009A	MicJacket – Fits RSM AAHMN9053E.

RLN5009A

MicJacket

*Intrinsically Safe.

Public Safety Microphones:

Emergency professionals will appreciate the reliability of these microphones. They're designed to help increase coverage so users can communicate clearly and accurately.

RMN5035A
UHF Public Safety Microphone

Public Safety Microphones – PSM

The newly designed Public Safety Microphones feature a straight cord assembly, 3.5mm earjack, swivel clip, quick disconnect latch, antenna connector and receive audio high/low toggle switch.

RMN5035A*	UHF Public Safety Microphone with 30 Inch Cord. Includes 450-470 MHz antenna.
RMN5036A*	VHF Public Safety Microphone with 30 Inch Cord. Includes 148-174 MHz antenna.
RMN5075A*	UHF Public Safety Microphone with 24 Inch Cord. Includes 450-470 MHz antenna.
RMN5076A*	VHF Public Safety Microphone with 24 Inch Cord. Includes 148-174 MHz antenna.

RSM and PSM Accessories

An earphone jack located on the microphone head allows the user to receive audio when used with the following earpieces. Compatible with AAHMN9053E, PMMN4021A, RMN5055A, RMN5035A, RMN5036A, RMN5075A, and RMN5076A. Features 3.5mm threaded jack.

AARLN4885B*	Receive-Only Covered Earbud with Coiled Cord.
RLN4941A*	Receive-Only Earpiece with Translucent Tube and Rubber Eartip
WADN4190B*	Receive-Only Flexible Earpiece
PMLN4620A	D-Style Earpiece with 3.5mm Plug. Receive only.

PMLN4620A
D-Style Earpiece

An earphone jack located on the microphone head allows the user to receive discreet audio when used with the earpieces shown here.

AARLN4885B
Receive-Only Covered Earbud

RLN4941A
Receive-Only Earpiece

WADN4190A
Receive-Only Flexible Earpiece

*Intrinsically Safe.

MTX Series

audio

Surveillance Kits

Surveillance accessories allow the radio user to privately receive messages with the earpiece. They are ideal when environments require discreet communication.

1-WIRE SURVEILLANCE KITS

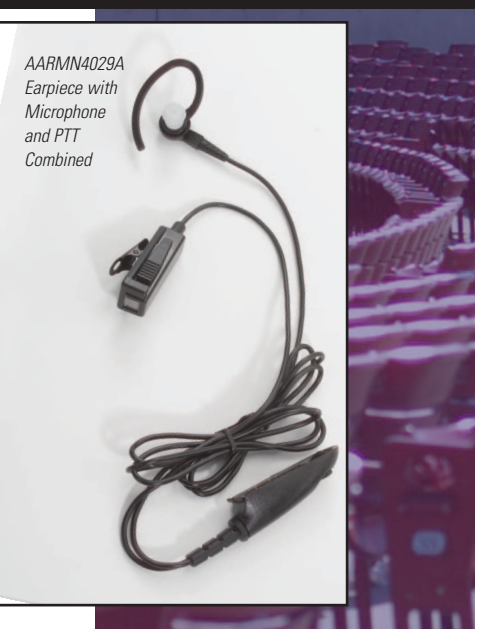
AARMN4021A*	Receive-Only Earpiece. Beige.
AARMN4028A*	Receive-Only Earpiece. Black.

2-WIRE SURVEILLANCE KITS

AARMN4022A*	Earpiece with Microphone and PTT Combined. Beige.
AARMN4029A*	Earpiece with Microphone and PTT Combined. Black.

3-WIRE SURVEILLANCE KITS

ENMN4017A*	Earpiece with Microphone and PTT Separate. Beige.
ENMN4014A*	Earpiece with Microphone and PTT Separate. Black.



AARMN4029A Earpiece with Microphone and PTT Combined

Surveillance Kits with Extended-Wear Comfort Earpiece

These kits include a comfort earpiece with a rubber eartip and quick disconnect clear comfortable acoustic tube. Users hear transmissions clearly, while the clear tube provides a discreet appearance.

RLN5315A	2-Wire, Earpiece w/Microphone and PTT Combined. Black.
RLN5316A	2-Wire, Earpiece w/Microphone and PTT Combined. Beige.
5080370E97	Standard Rubber Eartips, Clear. Pack of 25.

RLN6230A Extreme Noise Kit

Quick Disconnect Noise Kits

Extreme Noise Kits provide extra comfort and/or noise protection for users wearing surveillance accessories. Lightweight, translucent tube attaches to Motorola surveillance accessories to provide flexibility and comfort, which now includes a new Quick Disconnect Adapter. The Quick Disconnect Adapter allows users, especially those in multiple shift operations, to easily remove or alternate acoustic tubes. Clothing clip prevents accessory from being pulled from the ear due to body movement or head rotation. For optimal performance, Extra Loud Earphones are recommended.

RLN6230A	Extreme Noise Kit. Includes 2 foam earplugs. For high-noise environments. Noise reduction = 24dB. Can be used with Clear Comfortable Earpieces. Black.
RLN6231A	Extreme Noise Kit. Includes 2 foam earplugs. For high-noise environments. Noise reduction = 24dB. Can be used with Clear Comfortable Earpieces. Beige.
RLN6232A	Low Noise Kit - Clear Acoustic Tube Assembly. Includes 1 clear rubber eartip. For low-noise environments, does not provide hearing protection. Black.
RLN6241A	Low Noise Kit - Clear Acoustic Tube Assembly. Includes 1 clear rubber eartip. For low-noise environments, does not provide hearing protection. Beige.
5080369E39†	Extra Loud Earphone. Beige.
5080370E91†	Extra Loud Earphone. Black.

RLN6241A Low Noise Kit

REPLACEMENT ACCESSORIES

RLN6242A	Quick Disconnect Acoustic Tube Replacement
5080384F72	Replacement Foam Plugs. For RLN6230A. Noise reduction = 24dB. Pack of 50.
5080370E97	Replacement Standard Clear Rubber Eartips. Pack of 25.

*Intrinsically Safe.
†Extra loud earphone (exceeds OSHA limits).

Completely Discreet Earpiece:

Enables private communication without visible equipment. The receiver is hidden in the ear, where it can be worn comfortably for long periods of time.

RLN4922A Completely Discreet Earpiece Kit

Completely Discreet Earpiece

Enables users to communicate with ease, in full privacy, without visible equipment. This miniaturized receiver is discreetly hidden in the ear, where it can be worn comfortably for long periods of time. Small as it is, it offers a full range of audio functions including automatic squelch, automatic gain control and noise filtering. Average battery life is approximately 100 hours and includes an end-of-life warning signal when the battery needs to be changed. Kit includes wireless receiver, inductive neckloop, 6 spare batteries and 5 spare earguards. For use with any standard 2 or 3-Wire Motorola Surveillance Kit.

RLN4922A	Completely Discreet Earpiece Kit
RLN4919A	Replacement Earguards. 5 per pack.
RNN4005A	Replacement 1.4 Volt Batteries. 6 per pack.

The Completely Discreet Earpiece is easy to use. Simply remove the earpiece from any standard 2 or 3-Wire Motorola Surveillance Kit and plug in the neckloop, which is easily hidden under clothing. Security personnel will be able to wear this tiny receiver comfortably for hours at a time!

Completely Discreet Earpiece Receiver

Flexible Ear Receiver

This receive-only earpiece contains a flexible earloop and speaker which rests external to the ear. It plugs directly into adapter or the earjack on speaker microphones.

ENMN4013A*	Flexible Ear Receiver
7580372E11	Replacement Foam Ear Cushion

ENMN4013A Flexible Ear Receiver

Clear Comfortable Earpieces

The Clear Comfortable Earpiece forms to the inside of the ear and is perfect for low noise environments. It's made of easy-to-clean, chemically-inert, hypo-allergenic material. Compatible with RLN6232A and all Noise and Surveillance Kits.

RLN4760A	Small Custom Earpiece - Right Ear
RLN4761A	Medium Custom Earpiece - Right Ear
RLN4762A	Large Custom Earpiece - Right Ear
RLN4763A	Small Custom Earpiece - Left Ear
RLN4764A	Medium Custom Earpiece - Left Ear
RLN4765A	Large Custom Earpiece - Left Ear

From left to right, top to bottom:

RLN4765A
RLN4762A
RLN4764A
RLN4761A
RLN4763A
RLN4760A

*Intrinsically Safe.

MTX Series

audio

BDN6677A
EMS with PTT Interface Module

Ear Microphone System – EMS

This compact, lightweight unit picks up sound through bone vibrations in the ear. The miniature earpiece leaves the hands free and face unobscured, good for rescue and emergency personnel that must retain the ability to help, hear and speak directly to others, those not on the communication system. EMS may be worn with protective masks without reduction in sound clarity. It's ideal for high-noise environments. Available in PTT or Voice-Activated (VOX). Interface Module is required and sold separately.

BDN6677A*	EMS with PTT Interface. Black. For standard noise levels (up to 95dB).
BDN6678A*	EMS with PTT Interface. Beige. For standard noise levels (up to 95dB).
BDN6641A*	EMS with PTT Interface. Grey. For high-noise levels (up to 105dB).
AARMN4044A*	Push-to-Talk Only Interface Module
AARMN4045A*	Push-to-Talk or Voice-Activated Interface Module. VOX operational only on conventional channel.

OPTIONAL ACCESSORIES FOR EMS

0180358B38*	Remote Push-to-Talk Ring Switch
0180300E83*	Remote Push-to-Talk Body Switch
0180300E25	Earguard with Adjustable Loop
0180358B32	Earholder. Black, small. Secures Ear Microphone in ear.
0180358B33	Earholder. Black, medium. Secures Ear Microphone in ear.
0180358B34	Earholder. Black, large. Secures Ear Microphone in ear.
0180358B35	Earholder. Clear, small. Secures Ear Microphone in ear.
0180358B36	Earholder. Clear, medium. Secures Ear Microphone in ear.
0180358B37	Earholder. Clear, large. Secures Ear Microphone in ear.
4202006A01	Replacement Back Cover Clip
4285838B01	Replacement Collar Clip
4280369E44	Replacement Belt Clip with Screws
5080358B28	Eartips. Black, medium. Pack of 10.
5080358B29	Eartips. Black, large. Pack of 10.
5080358B30	Eartips. Beige, medium. Pack of 10.
5080358B31	Eartips. Beige, large. Pack of 10.
0180305J46	Training CD-ROM For EMS and Temple Transducer.

0180300E25
Earguard with Adjustable Loop

BDN6641A
EMS with PTT Interface

*Intrinsically Safe.

Temple Transducer:

Representing a significant achievement in headset design and functionality, it allows the user to receive audio without covering the ear.

Temple Transducer

The Temple Transducer represents a significant achievement in headset design and functionality. It allows the user to receive audio without covering the ear. The receiver portion of this accessory rests on the temples and is capable of converting the receive audio from a two-way radio into sound vibration. Sound vibration is transmitted through the surrounding tissue and bone; directly into the inner ear. It features an In-line PTT and noise-cancelling boom microphone. The Temple Transducer can help enhance communication and safety by allowing external sounds, such as machinery and equipment, warning and fire alarms, the intercom, traffic and even casual conversations with co-workers. In high-noise environments it allows the use of earplugs.

RMN4048A*	Temple Transducer
RMN5048B*	Rugged Temple Transducer
0180305J46	Training CD-ROM. For EMS and Temple Transducer.

RMN4048A
Temple Transducer

RMN5048B
Rugged Temple Transducer

CommPort™ Integrated Microphone/Receiver System

The CommPort System's advanced, self-adjusting microphone and miniature receiver connect to a two-way radio and make it possible to communicate under the most adverse conditions. A variety of Push-to-Talk options allow the user to customize the CommPort system.

NTN1722A*	Integrated Ear Microphone/Receiver System with PTT on Radio Adapter. Includes Radio adapter AAHLN9717A.
NTN1723A*	Integrated Ear Microphone/Receiver System with Palm PTT. Includes Radio adapter AAHLN9717A.
NTN1724A*	Integrated Ear Microphone/Receiver System with Ring PTT. Includes Radio adapter AAHLN9717A.
NTN1737A*	Integrated Ear Microphone/Receiver System with Snap-On-Side PTT. Includes Radio adapter AAHLN9717A.
NNTN4187A*	Integrated Ear Microphone/Receiver System with Body PTT. Includes Radio adapter AAHLN9717A.

COMMPORT REPLACEMENT PARTS

NKN6508A	Replacement Cable for NTN1722A
NKN6510A	Replacement Palm PTT Cable for NTN1723A
NKN6512A	Replacement Ring PTT Cable for NTN1724A
NKN6525A	Replacement Snap-on-Side PTT Cable for NNTN4187A
NNTN4188A	Replacement Body PTT Cable for NNTN4187A
NTN8821A	CommPort Maintenance Kit. Includes 10 replacement ear tubes, 10 microphone seal strips and 2 windscreens.
NTN8986A	Adhesive Pads. For secure attachment to ear. Pack of 90.
NTN8988A	Ear Straps. For secure attachment to ear. Pack of 10.
RLN5037A	Replacement Ear Tubes. Pack of 10.
AAHLN9717A	Radio Adapter.

*Intrinsically Safe.

CommPort Integrated Ear Microphone/Receiver System with Palm PTT

MTX Series

audio

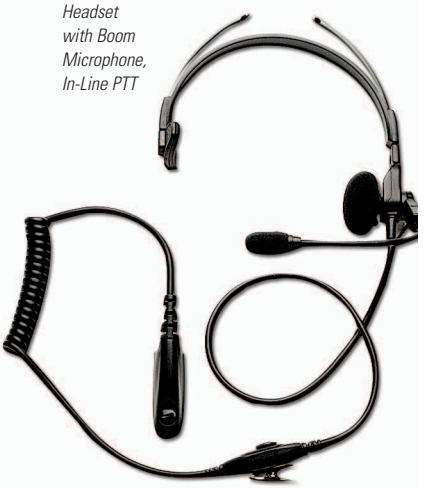
PMLN4653A
D-Style Earset

D-Style Earset

The D-Style Earset is designed to ensure comfort of use while providing an elegant, sleek appearance. This lightweight, comfortable earset can be worn on either ear and allows for hands free communication with excellent audio clarity through the large speaker. Includes a flexible boom microphone and In-line PTT button with built-in VOX switch for ease of use. The earset is ideal for users in Hospitality, Retail, Event Coordination, Education and Private Security industries.

PMLN4653A	D-Style Earset with Flexible Boom Microphone, In-Line PTT and VOX Switch

AARMN4018B
Single-Muff, Lightweight Headset with Boom Microphone, In-Line PTT



Lightweight Headsets

Lightweight headsets provide high-clarity, hands free, discreet two-way communication, while maintaining the comfort necessary for extended-wear in moderate noise environments.

AARMN4018B*	Single-Muff, Adjustable, Lightweight Headset with Boom Microphone, In-Line PTT
AARMN4031B*	Lightweight Headset with Swivel Boom Microphone, no In-Line PTT. VOX operational only on convention channel.
ENMN4012A*	Ultra-Lightweight Headset, Behind-the-head Style with Flexible Boom Microphone, In-Line PTT
AARMN4017A*	Ultra-Lightweight Headset with Boom Microphone. Earbud Style Receiver.
REX4648A	Replacement Foam Earpad and Windscreen Kit For AARMN4018A, and AARMN4031A.

Receive-Only Headsets

These headsets are the right choice for high-noise environments where users must hear information clearly, but seldom need to transmit. For use with AAHMN9053E, RMN5035A, RMN5036A, RMN5075A, RMN5076A and PMMN4021A.

RMN4054B	Hardhat Mount Style Headset. Mounts easily to hardhats (not included) with slots. Noise Reduction = 22dB.
RMN4055B	Headband Style Headset. Noise Reduction = 24dB.

RMN5015A
Racing Headset

Racing Headset

This heavy-duty headset can be worn with most hardhats. It's ideal for high-noise environments, racing teams like CART® use it in the pits for dependable communication. Adapter required.

RMN5015A	Racing Headset
RKN4091A	Adapter Cable for RMN5015A

*Intrinsically Safe.

Tactical Headband Style Headset:

Easily replaceable ear seals are filled with a liquid and foam combination to provide excellent sealing and comfort in high-noise environments.

RMN4053B Tactical Hardhat Mount Headset, hardhat not included.

Medium Weight Headsets

Medium Weight, Dual-Muff headsets offer high-clarity sound with the additional hearing protection necessary for providing consistent, clear, communication in harsh, noisy situations.

AARMN4019A*	Medium Weight, Dual-Muff Headset, Over-the-Head Style Headset with In-Line PTT and Noise Cancelling Swivel Boom Microphone. Noise Reduction = 24dB.
AARMN4032A*	Medium Weight, Dual-Muff Headset, Over-the-Head Style Headset with Noise Cancelling Swivel Boom Microphone. Noise Reduction = 24dB. No In-line PTT.
ENMN4016A*	Medium Weight, Dual-Muff Headset, Behind-the-Head Style Headset with Swivel Boom Microphone and In-Line PTT. Noise Reduction = 24dB.
RMN4051B	Medium Weight, Dual-Muff, Two-way, Hardhat Mount Headset with Noise-Cancelling Boom Microphone. Noise Reduction = 24dB.
RKN4097A	In-Line PTT Adapter Cable. For RMN4051B.

REPLACEMENT PARTS

1580376E32	Replacement Cloth Covers Earseals. 1 pair.
3280376E35	Replacement O Ring for Windscreen
5080548E02	Replacement Windscreen for Boom Mic
7580376E34	Replacement Foam Ear Seals. 1 pair.

RMN4052B Tactical Headband Style Headset

Tactical Medium Weight Headsets

Ideal for two-way communication in extremely noise environments. Dual-Muff, tactical headsets have 2 microphones on the outside of the earcups which reproduce ambient sound back into headset. Harmful sounds are suppressed to safe levels and low sounds are amplified up to 5 times original level, but never more than 82dB. Has on/off volume control on earcups. Easily replaceable ear seals are filled with a liquid and foam combination to provide excellent sealing and comfort. 3-foot coiled cord assembly included. Adapter Cable RKN4097A required. Hardhat not included.

RMN4052B	Tactical Headband Style Headset. Grey, Noise Reduction = 24dB.
RMN4053B	Tactical Hardhat Mount Headset. Grey, Noise Reduction = 22dB.
RKN4097A	Adapter Cable with In-Line Push-to-Talk For use with RMN4052B, and RMN4053B.

Heavy-Duty Headset

Includes a noise-cancelling boom microphone and can be worn with or without a hardhat. The Push-to-Talk switch is located on the earcup. VOX operational only on conventional channel. Requires adapter AAHLN9716C.

AARMN4020B*	Push-to-Talk or Voice-Activated Headset with Noise-Cancelling Boom Microphone. Noise Reduction = 24dB.
AAHLN9716C	Adapter Cable

AARMN4020B Push-to-Talk or Voice-Activated Headset with Noise-Cancelling Boom Microphone

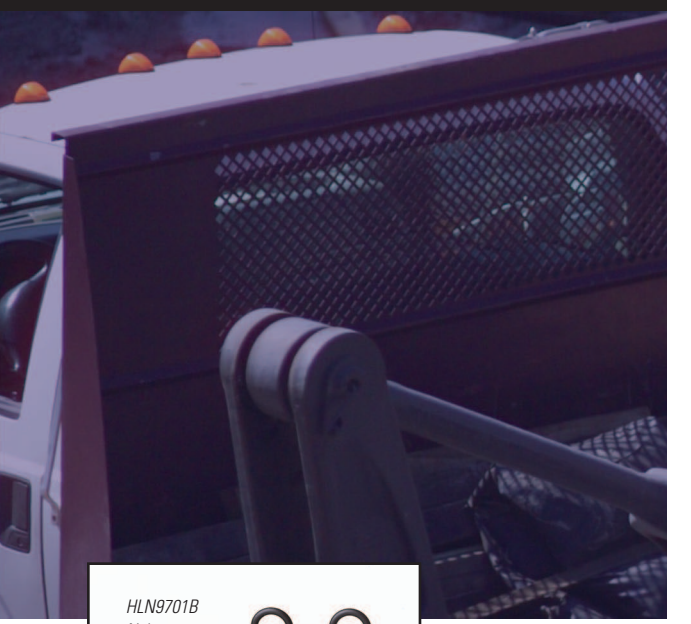
*Intrinsically Safe.

MTX Series

carry accessories

Carry Cases

Carrying cases are available in sizes designed to fit your radio and battery and permit audio to be heard clearly. Belt loop and nylon cases feature "D" rings that allow the cases to be attached to a carrying strap. Swivel model cases secure to a belt loop and allow the case to swing freely from side to side. The swivel latch system also allows the radio and case to be removed from the belt loop by simply inverting the case and lifting it up and out of the belt loop.



FOR LI-ION BATTERIES

HLN9652A	Leather Carry Case with Belt Loop For use with Li-ion batteries.
HLN9670A	Leather Carry Case with Swivel For use with Li-ion batteries.
HLN9677A	Leather DTMF Case with Belt Loop For use with Li-ion batteries.
HLN9690A	Leather Carry Case with Swivel For use with Li-ion batteries.

FOR NiCd & NiMH BATTERIES

HLN9665A	Leather Carry Case with Belt Loop For use with NiCd and NiMH batteries.
HLN9676A	Leather Carry Case with Swivel For use with NiCd and NiMH batteries.
HLN9689A	Leather DTMF Case with Belt Loop For use with NiCd and NiMH batteries.
HLN9694A	Leather DTMF Case with Swivel For use with NiCd and NiMH batteries.

NiCd, NiMH, Li-ion BATTERIES

HLN9701B	Nylon Carry Case with Belt Loop For use with NiCd, NiMH, and Li-ion batteries.

HLN9701B Nylon Carry Case with Belt Loop

HLN9694A Leather DTMF Case with Swivel Belt Loop

Carry Accessories:

You'd be surprised how much time can be saved when a radio is always in the same place — made easy by this versatile selection of Motorola Original® carry accessories.

Carry Accessories

Organized types love the convenience of Motorola Original® carrying accessories — and no wonder. They can help assure your two-way radios are always good to go.

CARRYING CASE BELT LOOPS

NTN8039B	2.5 Inch Leather Swivel Belt Loop
NTN8040B	3 Inch Leather Swivel Belt Loop
4200865599	1.75 Inch Wide Leather Belt. For all Models

BELT CLIPS

HLN9714A	Spring Action 2.5 Inch Belt Clip
HLN9844A	Spring Action 2 Inch Belt Clip

CARRYING STRAP

NTN5243A	Adjustable, Black Nylon Carrying Strap Attaches to D-ring on cases.

WATERPROOF BAG

HLN9985B	Waterproof Bag with Large Strap

MISCELLANEOUS

HLN9820A	Accessory Dust Cover
RLN4890A	Assistive Turning Knobs
TDN9327A	Portable Radio Hanger For door panels up to 2.75 inches
TDN9373A	Portable Radio Hanger For door panels up to 2.75 to 3.25 inches

HLN9844A
Spring Action
2 Inch Belt Clip

NTN8039B
2.5 Inch
Leather Swivel
Belt Loop

NTN8040B
3 Inch Leather
High-Activity Swivel
Belt Loop

4200865599
1.75 Inch Wide Leather Belt

NTN5243A
Adjustable,
Black Nylon
Carrying Strap

RLN4890A
Assistive Turning
Knobs

MTX Series

carry packs

Universal Chest Pack

Motorola Original® Universal Chest Pack protects the radio and provides the freedom from holding it during standby communication mode. Universal Chest Pack fits most radios.

HLN6602A	Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch Not for use with HT1250·LS+, 700 MHz models.
1505596Z02	Replacement Strap for HLN6602A

HLN6602A Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch

Break-A-Way Chest Pack

All the features of the original Universal Chest Pack plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure.

RLN4570A	Break-a-Way Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch.
1505596Z02	Replacement Strap for RLN4570A

RadioPAk™

The RadioPAk is lightweight and comfortable. Worn around the waist, it keeps radios/phones at hand. It features a separate 6 x 8 inch zippered pouch for other on-the-job necessities. Adjustable woven nylon belt fits both men and women.

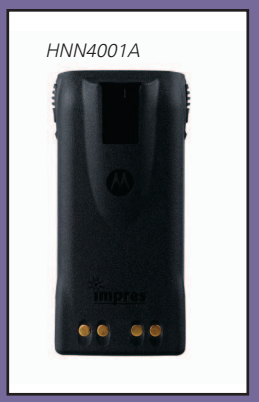
RLN4815A	RadioPAk Radio/Utility Case
4280384F89	RadioPAk Extension Belt For waists larger than 40 inches.

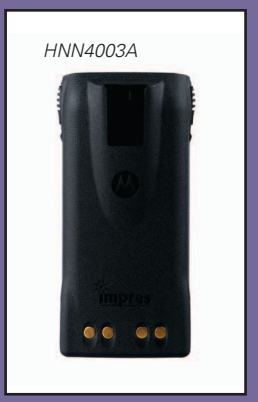
RLN4815A RadioPAk

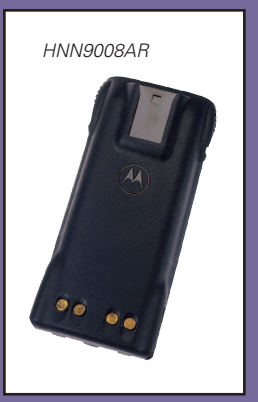
Unlike rigid holders, the universal-fit RadioPAk is lightweight and comfortable. An ideal companion for two-way radios, as well as iDEN® portables and cellular phones.

Motorola Original® Batteries:

Motorola batteries are ruggedly designed for lasting durability and are system tested with Motorola two-way radios to ensure optimum performance.


HNN4001A


HNN4003A


HNN9008AR

IMPRES™ Batteries

batteries

IMPRES™ Batteries

IMPRES™ batteries, when used with an IMPRES™ charger, provide automatic, adaptive reconditioning, end-of-life display and other advanced features. Data is stored in the battery and communicated to the charger via a unique IMPRES™ communication protocol which is designed to maximize talk-time and optimize battery cycle life – all automatically.

HNN4001A	1800 mAh, 7.2 Volt
HNN4002A	1690 mAh, 7.2 Volt. Intrinsically Safe.
HNN4003A	2000 mAh, 7.2 Volt

Motorola Original® Batteries

Motorola Original® Batteries are ruggedly designed for lasting durability and are system tested with Motorola two-way radios to ensure optimum performance. We offer various chemistry and capacity alternatives, allowing the user to select the ideal battery for his or her needs. NiCd is best suited for extreme-temperature operation, and provides the maximum number of charge/discharge cycles. Li-ion batteries offer extended duty cycles – providing more talk time per shift.

	PREMIUM NICKEL CADMIUM - NiCd
HNN9011BR	NiCd, 1550 mAh, 7.5 Volt. Intrinsically Safe.
HNN9012BR	NiCd, 1300 mAh, 7.5 Volt
	PREMIUM NICKEL METAL HYDRIDE - NiMH
HNN9008AR	NiMH, 1500 mAh, 7.5 Volt
HNN9009AR	NiMH, 1900 mAh, 7.5 Volt
HNN9010AR	NiMH, 1800 mAh, 7.5 Volt. Intrinsically Safe.
	PREMIUM LITHIUM ION - Li-ion
HNN9013DR	Li-ion, 1500 mAh, 7.5 Volt
	POWER NICKEL METAL HYDRIDE - NiMH
WPNN4045AR	NiMH, 1200 mAh, 7.5 Volt

8504241U06

antennas

Flexible Whip Antennas

Flexible Whip Antennas have a one-piece finish, steel core, and spiral wound conductor for optimal radiation characteristics.

8505241U03	800 MHz 1/2 Wave Whip, 806-869 MHz, 7 Inch
8505241U04	900 MHz 1/2 Wave Whip, 896-941 MHz, 7 Inch For use with MTX850, MTX950, MTX8250 and MTX9250 only.

Stubby Antennas

Stubby antennas are ideal when the radio is worn on the belt because they are short and non-obtrusive. These rugged, helical antennas feature a capless sheath that allows for maximum flexibility.

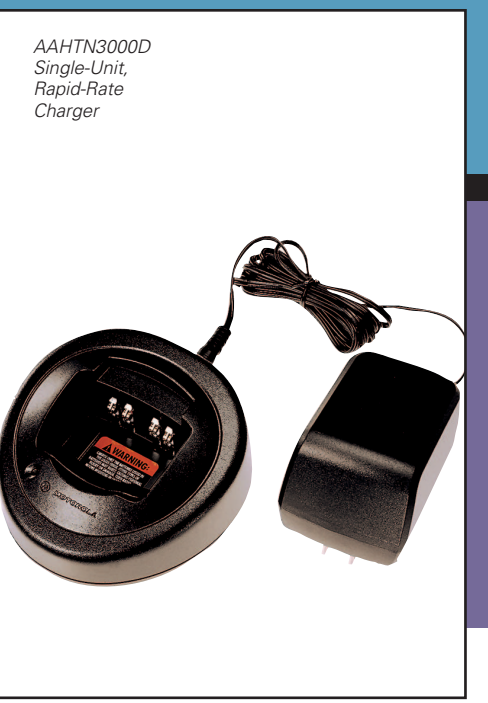
8504241U06	800-900 MHz 1/4 Wave Stubby, 806-941 MHz, 4 Inch

Retrofit Boards

AAHLN9725C	Voice Storage Option Board - Field Install Only.

MTX Series

chargers



AAHTN3000D Single-Unit, Rapid-Rate Charger

Single-Unit Rapid-Rate, Universal Chargers

Single-Unit Chargers can rapidly charge batteries on or off the radio in one to three hours. These tri-chemistry chargers feature rapid, trickle, and maintenance modes. The maintenance mode "revert to rapid" feature ensures batteries remain fully charged even when left on the charger for extended periods of time. All chargers are specifically designed to meet the requirements of batteries manufactured by Motorola.

AAHTN3000D	Single-Unit, Rapid-Rate Charger, 120 Volt, US plug
HLN9793A	Charger Insert Spacer. Compatible with "A" version Chargers only.
HLN9794B	Charger Insert Spacer. Compatible with "B", "C" and "D" version Chargers.

Motorola Conditioning Chargers – MCC

The MCC features Instant Fault Detection technology that detects faulty batteries in seconds. You'll know right away when a battery won't operate at peak performance - saving you time and trouble. Each unit rapidly charges NiCd and NiMH batteries and optimizes battery performance. It's patented negative pulse charging process minimizes overheating and overcharging, extending useful battery life. Batteries can be left on the charger for extended periods of time, without worry of heat build-up. Optional accessories are available that allow the MCC to be used in both AC and DC environments – that's flexibility.

WPPN4065BR Multi-Unit Conditioning Charger

WPLN4106BR	Charger Kit, 220 Volt AC. Includes both Base Charger Unit and 7 Volt Adapter Plate.
WPLN4107BR	Charger Kit, 120 Volt AC. Includes both Base Charger Unit and 7 Volt Adapter Plate.
WPPN4065BR	Multi-Unit Conditioning Charger, 4-Station Base, 120 Volt. Adapter Plate sold separately.
WPPN4002BR	110 Volt AC Base Charge Unit Order adapter plates separately.
WPPN4082BR	7 Volt Adapter Plate

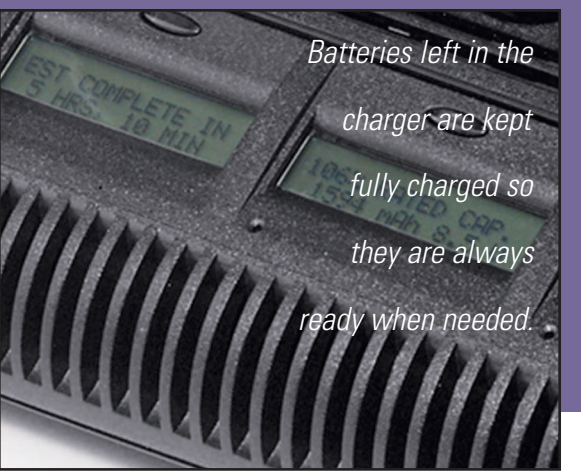
MOUNTING ACCESSORIES

RLN4814A	Vehicular Mounting Bracket and Hard Wire Cable For Single-Unit Motorola Conditioning Chargers. Includes DC Hard Wire Cable 3080384M21.
3080384G15	Vehicular Power Adapter
3080384M21	DC Hard Wire Cable For vehicular installation.

RLN4814A Vehicular Mounting Bracket and Hard Wire Cable

IMPRES™ Smart Energy System:

The IMPRES™ Smart Energy System automatically reconditions IMPRES™ batteries based on actual usage.



IMPRES™ Smart Energy Systems

IMPRES™ Chargers

Through the use of advanced charging algorithms and automatic reconditioning features, the IMPRES™ Smart Energy System ensures maximum talk-time and optimized battery cycle life. This smart energy system automatically reconditions IMPRES™ batteries based on actual usage, keeping them in peak condition. Talk-time and cycle life are optimized and the need for manual maintenance programs is eliminated. Its advanced conditioning features allow batteries to be safely left on the charger for extended periods of time without incurring the damaging heat build-up which can decrease battery cycle life. In addition, batteries left in the charger are kept fully charged so they are always ready when needed. This rapid-rate, tri-chemistry charging system will also charge compatible non-IMPRES™ batteries and supports multiple radio platforms.

WPLN4187A
IMPRES™
Multi-Unit Charger

WPLN4182A
IMPRES™
Single-Unit Charger

WPLN4182A	IMPRES™ Single-Unit Charger, 120 Volt - US
WPLN4187A	IMPRES™ Multi-Unit Charger, 120 Volt - US
WPLN4188A	IMPRES™ Multi-Unit Charger, 220 Volt - Euro
WPLN4189A	IMPRES™ Multi-Unit Charger, 240 Volt - UK

IMPRES™ Multi-Unit Chargers with Display Modules

Charger Display Modules provide powerful, "real time" analyzing information for IMPRES™ batteries, including current charge status, battery mAh, and voltage. Readout displays battery kit number, serial number and chemistry and the time remaining to complete the charge for NiCd and NiMH batteries. 120 Volt.

WPLN4192A	IMPRES™ Multi-Unit Charger with Display Modules - US
NLN7967A	Wall Mount for Multi-Unit Charger

WPLN4192A
IMPRES™
Multi-Unit Charger
with Display Modules

IMPRES™ Individual Charger Display Module

This module is compatible with the standard IMPRES™ Multi-Unit Chargers WPLN4187A, WPLN4188A and WPLN4189A. Up to 6 modules can be used per charger, one for each charging pocket. Includes detailed installation instructions.

RLN5382A	Charger Display Module for IMPRES Multi-Unit Charger Version 1.3 or Later.

Note: Display Modules compatible with Multi-Unit Charger version 1.2 or earlier require a software flash update. Version number is located on label on the bottom of the IMPRES™ Multi-Unit charger. If no version is shown, it is earlier than version 1.2. Version 1.2 will appear as V1.20, 1.3 will appear as V1.30, etc.

MTX Series

battery analyzers

WPLN4079BR
6-Station Battery Maintenance System[PLUS]

NDN4005B
3-Station Battery Maintenance System[PLUS]

Battery Maintenance System[PLUS] – BMS[PLUS]

Increase the useful life of your batteries. Using interchangeable battery adapters (sold separately), the BMS[PLUS] is capable of charging and discharging, analyzing, conditioning and cycle testing batteries. It supports NiCd, NiMH and Li-ion batteries (Li-ion 6-station units only) and tracks better voltage and capacity (mAh). Its easy-to-use design supports hundreds of two-way, cellular and camcorder batteries. The BMS[PLUS] has a 3-year warranty and includes serial printer* port (RS-232).

WPLN4079BR	6-Station BMS[PLUS], 120V, AC, 50/60 Hz, US Plug
WPLN4080BR	6-Station BMS[PLUS], 230V, AC, 50/60 Hz, Euro Plug
WPPN4085AR	BMS[PLUS] Li-ion Field Upgrade Kit. Upgrades WPLN4079AR, WPLN4080AR, WPLN4081AR. Allows units to support Li-ion batteries.
NDN4005B	3-Station BMS[PLUS], 120V, AC, 50/60 Hz. Does not support Li-ion or 3-cell batteries.
NDN4006B	3-Station BMS[PLUS], 230V, AC, 50/60 Hz. Does not support Li-ion or 3-cell batteries.

BMS[PLUS] ADAPTERS

WPPN4079AR	Adapter. For NiCd and NiMH batteries.
WPPN4080AR	Adapter. For NiCd, NiMH, and Li-ion batteries. Requires Li-ion capable BMS[PLUS].

*Compatible with the STAR Micronics SP200 Series printers (and other printers with STAR emulation); available from any STAR Micronics distributor.

Battery Optimizing System II:

Regular use of the BOS II can optimize battery performance and help extend battery life, helping reduce battery replacement costs.

Battery Optimizing System II – BOS II

No other battery analyzer matches the speed, accuracy, versatility and ease-of-use of the BOS II in providing powerful analyzing capabilities. Users can select from 12 pre-programmed service programs making it quick and easy to get up and running. Because the BOS II is programmable, users can create custom programs to perform a wide variety of tasks specific to individual needs. New enhancements include new navigation keys and an improved, more intuitive menu system. Regular use of the BOS II can optimize battery performance and help extend battery life, helping reduce battery replacement costs.

- Support for NiCd, NiMH, Li-ion, and SLA batteries 100W Power Supply programmable from 100 mAh to 4 Amps per station
- Interchangeable Adapters accommodate all major brands
- Includes a variety of User Programs and allows customizable programming
- Proprietary Recondition Cycle restores NiCd and NiMH batteries
- Increased processing power and testing resolution – including Three-minute Quicktest™ that measures the batteries' State of Health (SoH) Printer Output for reports and labels
- Three-year Warranty

WPLN4124AR	BOS II, 4-Station, 90-264V, AC, 110-240V - US Plug Adapter Plates Required.
WPLN4125AR	BOS II, 4-Station, 90-264V, AC, 110-240V - Euro/UK Plug Adapter Plates Required.

BOS II ADAPTERS

RL-76345	Standard Adapter for BOS I
RL-76340	Standard Adapter for BOS II

WPLN4124AR
4-Station BOS II

RLN4883A
Vehicular
Travel Charger

vehicular chargers

Vehicular Travel Charger

A great traveling companion that ensures constant communication while on the road. Its small compact design allows the radio to be used while rapid charging in the charger base. Unit includes a voltage regulated vehicular charger adapter, custom charger base, mounting bracket and coil cord.

RLN4883A	Vehicular Travel Charger, Includes Mounting Bracket 0780384K84.
RLN5914A	Travel Charger Mounting Bracket Kit. Includes screws and nylon cord.

Vehicular Charger

This 12 Volt DC rapid rate charger is ideal for mobile customers. Capable of charging NiCd, NiMH, and Li-ion batteries. This durable unit comes with a metal mounting bracket. Its drop-in design makes it ideal for public safety users.

RLN5233A	Vehicular Charger

RLN5233A
Vehicular Charger

Call us today to quickly enhance your MTX Professional Series portable radio capabilities with high-performance Motorola Original® accessories

STREAMLINED SOLUTIONS FOR A SINGLE RADIO OR ENTIRE FLEET

Every Motorola MTX Professional Series portable two-way radio can be customized to suit your current and future communication needs. All Motorola Original® accessories are built to the highest standards of quality, and are specially engineered to perfectly complement your radio's performance.

So don't wait any longer to increase your productivity with optimum two-way radio performance. Call now for more information.

Call our experts today for more information.

MOTOROLA

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. All other product or service names are the property of their respective owners. © Motorola, Inc. 2007.

Specifications subject to change without notice.

Motorola
1301 E. Algonquin Rd
Schaumburg, IL 60196

ACCY-MIDTIER2